This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

| BLACK BORDERS
| IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
| FADED TEXT OR DRAWING
| BLURRED OR ILLEGIBLE TEXT OR DRAWING
| SKEWED/SLANTED IMAGES
| COLOR OR BLACK AND WHITE PHOTOGRAPHS
| GRAY SCALE DOCUMENTS
| LINES OR MARKS ON ORIGINAL DOCUMENT
| REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

IMAGES ARE BEST AVAILABLE COPY.

OTHER: __

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

ì

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

Welcome **United States Patent and Trademark Office**



		1	X	F		E 1.8	®	
	 _			_	_			

Help FAQ Terms IEEE Peer Review

Quick Links

Welcome to IEEE Xplore®

- ()- Home
- O- What Can I Access?
- C Log-out

Tables of Contents

- Journals & Magazines
-)- Conference **Proceedings**
- ()- Standards

Search

- O- By Author
- C) Basic
- Advanced
- O- CrossRef

Member Services

- O- Join IEEE
-)- Establish IEEE Web Account
- O- Access the **IEEE Member Digital Library**

IEEE Enterprise

C Access the **IEEE Enterprise File Cabinet**

Print Format

Your search matched 38 of 1085387 documents.

A maximum of 500 results are displayed, 15 to a page, sorted by Relevance **Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering new one in the text box.

(opc <or> optical proximity correction) <and> (offset

Search

Check to search within this result set

Results Key:

JNL = Journal or Magazine CNF = Conference STD = Standard

1 A statistical gate CD control including OPC

Misaka, A.; Goda, A.; Odanaka, S.; Kobayashi, S.; Watanabe, H.; VLSI Technology, 1998. Digest of Technical Papers. 1998 Symposium on , 9-1 June 1998

Pages:170 - 171

[Abstract] [PDF Full-Text (280 KB)] **IEEE CNF**

2 A little light magic [optical lithography]

Schellenberg, F.;

Spectrum, IEEE, Volume: 40, Issue: 9, Sep 2003

Pages: 34 - 39

[Abstract] [PDF Full-Text (1216 KB)] [Full-Text HTML] **IEEE JNL**

3 Cancellation of the signal fading for 60 GHz subcarrier multiplexed optical DSB signal transmission in nondispersion shifted fiber using midway optical phase conjugation

Sotobayashi, H.; Kitayama, K.;

Lightwave Technology, Journal of , Volume: 17 , Issue: 12 , Dec. 1999

Pages: 2488 - 2497

[Abstract] [PDF Full-Text (204 KB)] **IEEE JNL**

4 Subwavelength lithography (PSM, OPC)

Terasawa, T.;

Design Automation Conference, 2000. Proceedings of the ASP-DAC 2000. Asia South Pacific, 25-28 Jan. 2000

Pages: 295 - 300

[Abstract] [PDF Full-Text (488 KB)] IEEE CNF

5 Photomasks for advanced lithography

Smith, W.; Tybula, W.;

Electronics Manufacturing Technology Symposium, 1997., Twenty-First IEEE/(International, 13-15 Oct. 1997

Pages: 342 - 345

[Abstract] [PDF Full-Text (364 KB)] **IEEE CNF**

6 Reticle enhancement technology: implications and challenges for physical design

Grobman, W.; Thompson, M.; Wang, R.; Yuan, C.; Tian, R.; Demircan, E.; Design Automation Conference, 2001. Proceedings, 18-22 June 2001 Pages:73 - 78

[Abstract] [PDF Full-Text (528 KB)]

7 Impact of RSF with variable coefficients for CD variation analysis including OPC

Goda, A.; Misaka, A.; Odanaka, S.; Statistical Metrology, 1999. IWSM. 1999 4th International Workshop on , 12 J 1999

Pages: 62 - 65

[Abstract] [PDF Full-Text (288 KB)] **IEEE CNF**

8 Automatic proximity correction for 0.35 µm I-line photolithography Garofalo, J.; Low, K.K.; Otto, O.; Pierrat, C.; Vasudev, P.K.; Yuan, C.; Numerical Modeling of Processes and Devices for Integrated Circuits, 1994. NI V., International Workshop on , 5-6 June 1994 Pages:92 - 94

[Abstract] [PDF Full-Text (176 KB)] **IEEE CNF**

9 Effect of residual dispersion in the phase-conjugation fiber on dispe compensation in optical communication systems

Yu, M.; Agrawal, G.P.; McKinstrie, C.J.; Photonics Technology Letters, IEEE, Volume: 7, Issue: 8, Aug. 1995 Pages:932 - 934

[Abstract] [PDF Full-Text (276 KB)] IEEE JNL

10 Generation of optical phase-conjugate waves and compensation for pulse shape distortion in a single-mode fiber

Watanabe, S.; Ishikawa, G.; Naito, T.; Chikama, T.;

Lightwave Technology, Journal of , Volume: 12 , Issue: 12 , Dec. 1994

Pages:2139 - 2146

[Abstract] [PDF Full-Text (740 KB)] IEEE JNL

11 Advanced physical models for mask data verification and impacts o physical layout synthesis

Qi-De Qian; Tan, S.X.-D.;

Quality Electronic Design, 2003. Proceedings. Fourth International Symposium on, 24-26 March 2003

Pages: 125 - 130

[Abstract] [PDF Full-Text (276 KB)] **IEEE CNE**

12 A cost-driven lithographic correction methodology based on off-the shelf sizing tools

Gupta, P.; Kahng, A.B.; Sylvester, D.; Yang, J.;

Design Automation Conference, 2003. Proceedings, 2-6 June 2003

Pages:16 - 21

[Abstract] [PDF Full-Text (701 KB)] **IEEE CNF**

13 Electrical CD characterisation of binary and alternating aperture ph shifting masks

Smith, S.; McCallum, M.; Walton, A.J.; Stevenson, J.T.M.; Microelectronic Test Structures, 2002. ICMTS 2002. Proceedings of the 2002 International Conference on , 8-11 April 2002 Pages:7 - 12

[Abstract] [PDF Full-Text (520 KB)] **IEEE CNF**

14 Study on the optimization of high transmittance attenuated phaseshifting mask by design of experiment

Wen-an Leong; Hsien-yun Lin; Wen-long Yeh;

Microprocesses and Nanotechnology Conference, 2002. Digest of Papers.

Microprocesses and Nanotechnology 2002. 2002 International, 6-8 Nov. 2002 Pages:106

[Abstract] [PDF Full-Text (184 KB)] **IEEE CNF**

15 Highly manufacturable 32 Mb ULP-SRAM technology by using dual (process for 1.5 V Vcc operation

Kim, D.H.; Kim, S.J.; Hwang, B.J.; Seo, S.H.; Choi, J.H.; Lee, H.S.; Yang, W.: Kim, M.S.; Kwak, K.H.; Lee, J.Y.; Joo, J.Y.; Kim, J.H.; Koh, K.; Park, S.H.; Ho J.I.;

VLSI Technology, 2002. Digest of Technical Papers. 2002 Symposium on , 11-June 2002

Pages:118 - 119

[Abstract] [PDF Full-Text (378 KB)] **IEEE CNF**

1 2 3 Next

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Copyright © 2004 IEEE - All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Publications/Services Standards Conferences Careers/Jobs

Welcome **United States Patent and Trademark Office**



FAQ Terms IEEE Peer Review

Quick Links

Welcome to IEEE Xplore®

- O- Home
- O- What Can I Access?
- O- Log-out

Tables of Contents

- O- Journals & Magazines
-)- Conference **Proceedings**
- Standards

Search

- O- By Author
- O- Basic
- O- Advanced
- O- CrossRef

Member Services

- O- Join IEEE
- > Establish IEEE Web Account
- O- Access the **IEEE Member Digital Library**

IEEE Enterprise

- O- Access the **IEEE Enterprise File Cabinet**
- Print Format

Your search matched 38 of 1085387 documents.

A maximum of 500 results are displayed, 15 to a page, sorted by Relevance **Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enterior new one in the text box.

(opc <or> optical proximity correction) <and> (offset



Check to search within this result set

Results Key:

JNL = Journal or Magazine CNF = Conference STD = Standard

1 A statistical gate CD control including OPC

Misaka, A.; Goda, A.; Odanaka, S.; Kobayashi, S.; Watanabe, H.; VLSI Technology, 1998. Digest of Technical Papers. 1998 Symposium on , 9-1 June 1998

Pages: 170 - 171

[Abstract] [PDF Full-Text (280 KB)] **IEEE CNF**

2 A little light magic [optical lithography]

Schellenberg, F.;

Spectrum, IEEE, Volume: 40, Issue: 9, Sep 2003

Pages: 34 - 39

[Abstract] [PDF Full-Text (1216 KB)] [Full-Text HTML]

3 Cancellation of the signal fading for 60 GHz subcarrier multiplexed optical DSB signal transmission in nondispersion shifted fiber using midway optical phase conjugation

Sotobayashi, H.; Kitayama, K.;

Lightwave Technology, Journal of , Volume: 17 , Issue: 12 , Dec. 1999

Pages: 2488 - 2497

[Abstract] [PDF Full-Text (204 KB)] **IEEE JNL**

4 Subwavelength lithography (PSM, OPC)

Terasawa, T.;

Design Automation Conference, 2000. Proceedings of the ASP-DAC 2000. Asia South Pacific, 25-28 Jan. 2000

Pages: 295 - 300

[Abstract] [PDF Full-Text (488 KB)] IEEE CNF

5 Photomasks for advanced lithography

Smith, W.; Tybula, W.;

Electronics Manufacturing Technology Symposium, 1997., Twenty-First IEEE/(International, 13-15 Oct. 1997

Pages: 342 - 345

[Abstract] [PDF Full-Text (364 KB)] **IEEE CNF**

6 Reticle enhancement technology: implications and challenges for physical design

Grobman, W.; Thompson, M.; Wang, R.; Yuan, C.; Tian, R.; Demircan, E.; Design Automation Conference, 2001. Proceedings, 18-22 June 2001 Pages:73 - 78

[Abstract] [PDF Full-Text (528 KB)] **IEEE CNF**

7 Impact of RSF with variable coefficients for CD variation analysis including OPC

Goda, A.; Misaka, A.; Odanaka, S.; Statistical Metrology, 1999. IWSM. 1999 4th International Workshop on , 12 J 1999

Pages:62 - 65

[Abstract] [PDF Full-Text (288 KB)] **IEEE CNF**

8 Automatic proximity correction for 0.35 µm I-line photolithography Garofalo, J.; Low, K.K.; Otto, O.; Pierrat, C.; Vasudev, P.K.; Yuan, C.; Numerical Modeling of Processes and Devices for Integrated Circuits, 1994. NI V., International Workshop on , 5-6 June 1994 Pages:92 - 94

[Abstract] [PDF Full-Text (176 KB)] IEEE CNF

9 Effect of residual dispersion in the phase-conjugation fiber on dispe compensation in optical communication systems

Yu, M.; Agrawal, G.P.; McKinstrie, C.J.; Photonics Technology Letters, IEEE, Volume: 7, Issue: 8, Aug. 1995 Pages:932 - 934

[Abstract] [PDF Full-Text (276 KB)] IEEE JNL

10 Generation of optical phase-conjugate waves and compensation for pulse shape distortion in a single-mode fiber

Watanabe, S.; Ishikawa, G.; Naito, T.; Chikama, T.; Lightwave Technology, Journal of , Volume: 12 , Issue: 12 , Dec. 1994 Pages:2139 - 2146

[Abstract] [PDF Full-Text (740 KB)] **IEEE JNL**

11 Advanced physical models for mask data verification and impacts o physical layout synthesis

Qi-De Qian; Tan, S.X.-D.;

Quality Electronic Design, 2003. Proceedings. Fourth International Symposium on, 24-26 March 2003

Pages: 125 - 130

[Abstract] [PDF Full-Text (276 KB)] **IEEE CNF**

12 A cost-driven lithographic correction methodology based on off-the shelf sizing tools

Gupta, P.; Kahng, A.B.; Sylvester, D.; Yang, J.; Design Automation Conference, 2003. Proceedings, 2-6 June 2003 Pages:16 - 21

[Abstract] [PDF Full-Text (701 KB)] **IEEE CNF**

13 Electrical CD characterisation of binary and alternating aperture ph shifting masks

Smith, S.; McCallum, M.; Walton, A.J.; Stevenson, J.T.M.; Microelectronic Test Structures, 2002. ICMTS 2002. Proceedings of the 2002 International Conference on , 8-11 April 2002 Pages:7 - 12

[Abstract] [PDF Full-Text (520 KB)] **IEEE CNF**

14 Study on the optimization of high transmittance attenuated phaseshifting mask by design of experiment

Wen-an Leong; Hsien-yun Lin; Wen-long Yeh;

Microprocesses and Nanotechnology Conference, 2002. Digest of Papers.

Microprocesses and Nanotechnology 2002. 2002 International, 6-8 Nov. 2002 Pages:106

[Abstract] [PDF Full-Text (184 KB)]

15 Highly manufacturable 32 Mb ULP-SRAM technology by using dual (process for 1.5 V Vcc operation

Kim, D.H.; Kim, S.J.; Hwang, B.J.; Seo, S.H.; Choi, J.H.; Lee, H.S.; Yang, W.: Kim, M.S.; Kwak, K.H.; Lee, J.Y.; Joo, J.Y.; Kim, J.H.; Koh, K.; Park, S.H.; Ho J.I.;

VLSI Technology, 2002. Digest of Technical Papers. 2002 Symposium on , 11-June 2002

Pages:118 - 119

[Abstract] [PDF Full-Text (378 KB)] **IEEE CNF**

1 2 3 Next

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Copyright © 2004 IEEE - All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

Welcome
United States Patent and Trademark Office



Help FAQ Terms IEEE Peer Review

Quick Links

ı	welcome	to	lttt	Хрі	ore
-					

- O- Home
- O- What Can
 I Access?
- O- Log-out

Tables of Contents

- O- Journals & Magazines
- O- Conference Proceedings
- O- Standards

Search

- O- By Author
- O- Basic
- O- Advanced
- O- CrossRef

Member Services

- O- Join IEEE
- C Establish IEEE
 Web Account
- O- Access the IEEE Member Digital Library

IEEE Enterprise

- O Access the IEEE Enterprise File Cabinet
- Print Format

Your search matched 10 documents that contain optical proximity effects

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Results Key:

JNL = Journal or Magazine CNF = Conference STD = Standard

1 Application of full chip OPC to quarter micron logic device Kyune-Jin Shim; Ki-Yeop Park; Won Gyu Lee; Dai-Hoon Lee; VLSI and CAD, 1999. ICVC '99. 6th International Conference on , 26-27 Oct. : Pages:171 - 173

[Abstract] [PDF Full-Text (144KB)] IEEE CNF

2 Automatic proximity correction for 0.35 μm I-line photolithography Garofalo, J.; Low, K.K.; Otto, O.; Pierrat, C.; Vasudev, P.K.; Yuan, C.; Numerical Modeling of Processes and Devices for Integrated Circuits, 1994. NI V., International Workshop on , 5-6 June 1994 Pages:92 - 94

[Abstract] [PDF Full-Text (176KB)] IEEE CNF

3 Test structure for fixing OPC of 200 nm pitch via chain using inner a outer dummy via array

Nasuno, T.; Matsubara, Y.; Minami, A.; Uchida, N.; Kobayashi, H.; Aoyama, H. Tsuda, H.; Tsujita, K.; Wakamiya, W.; Kobayashi, N.;

Microelectronic Test Structures, 2004. Proceedings. ICMTS '04. The Internatio Conference on , 22-25 March 2004

Pages: 23 - 28

[Abstract] [PDF Full-Text (563KB)] IEEE CNF

4 A 0.11 μm CMOS technology with copper and very-low-k interconner for high-performance system-on-a-chip cores

Takao, Y.; Kudo, H.; Mitani, J.; Kotani, Y.; Yamaguchi, S.; Yoshie, K.; Kawanc Nagano, T.; Yamamura, I.; Uematsu, M.; Nagashima, N.; Kadomura, S.; Electron Devices Meeting, 2000. IEDM Technical Digest. International, 10-13 2000

Pages: 559 - 562

[Abstract] [PDF Full-Text (260KB)] IEEE CNF

5 A 5-μm² full-CMOS cell for high-speed SRAMs utilizing a optical-

proximity-effect correction (OPC) technology

Ueshima, M.; Mano, M.; Yoneda, Y.; Ichikawa, T.; Tsudaka, K.; Takahashi, H. Yamamura, I.; Yabuta, M.; Motoyoshi, M.;

VLSI Technology, 1996. Digest of Technical Papers. 1996 Symposium on , 11-June 1996

Pages:146 - 147

[Abstract] [PDF Full-Text (240KB)] IEEE CNF

6 Process proximity correction by using neural networks

Kyoung-Ah Jeon; Ji-Yong Yoo; Jun-Taek Park; Hyeongsoo-Kim; Ilsin An; Hye-Oh;

Microprocesses and Nanotechnology Conference, 2002. Digest of Papers. Microprocesses and Nanotechnology 2002. 2002 International , 6-8 Nov. 2002 Pages: 256 - 257

[Abstract] [PDF Full-Text (191KB)] IEEE CNF

7 Improvement of CD uniformity in 180 nm LSI manufacturing by optimizing illumination system

Yao, T.; Hiraike, T.; Kobayashi, K.; Asai, S.; Hanyu, I.; Semiconductor Manufacturing Symposium, 2001 IEEE International, 8-10 Oct 2001

Pages:125 - 128

[Abstract] [PDF Full-Text (321KB)] IEEE CNF

8 Level-specific strategy of KrF microlithography for 130 nm DRAMs

Inoue, S.; Asano, M.; Hosaka, K.; Sutani, T.; Azuma, T.; Kawamura, D.; Kobayashi, M.; Miyoshi, S.; Kanemitsu, H.; Tanaka, S.; Kotani, T.; Tabata, Y., Tsuchida, K.; Kohyama, Y.; Kawamura, E.;

Electron Devices Meeting, 1999. IEDM Technical Digest. International , 5-8 D ϵ 1999

Pages:809 - 812 -

[Abstract] [PDF Full-Text (556KB)] IEEE CNF

9 Impact of RSF with variable coefficients for CD variation analysis including OPC

Goda, A.; Misaka, A.; Odanaka, S.;

Statistical Metrology, 1999. IWSM. 1999 4th International Workshop on , 12 J 1999

Páges:62 - 65

[Abstract] [PDF Full-Text (288KB)] IEEE CNF

10 Optical lithography techniques for 0.25 μm and below: CD control is van den Hove, L.; Ronse, K.; Pforr, R.;

VLSI Technology, Systems, and Applications, 1995. Proceedings of Technical Papers., 1995 International Symposium on , 31 May-2 June 1995 Pages: 24 - 30

[Abstract] [PDF Full-Text (684KB)] IEEE CNF

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account |
New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online
Publications | Help | FAQ | Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved